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JAN-JUNE 1985

WGK 4084706

MONSANTO

From: Gordon A. Grundmann - CS6G Corporate Engineering (4-6112)

Date: June 28, 1985

cc: D.R. Bowers CS6G

Subj: Project Progress Meetings

L.V. Bumbicka 1740**

R.M. Calles CS6G

M.A. Coco Alberici

Re: CEA 3808 - Main South Trunk Sewer

R.J. Geile CS6G

E.R. Hartman CS6G

TO: J.J. Beckerle Alberici

P.R. Hoemann 1740

W. Bodine Alberici

L.C. Kreh F2ED

T.N. Carrico 1740*

F.A. Mayse CS6G

W.C. Koester Alberici*

B.W. Steketee 1740

K.W. Lichtenheld CS6G*

R.L. Wiese CS6G

C.J. Lotz Alberici*

R.L. Nelson 1740*

*Present at meeting

K.W. Petterson 1740*

**Part time

O.N. Shipley 1740*

Following are minutes of the meeting held at the CED construction trailers on 06/27/85 at 9:30 a.m.

1. Construction Progress

- a. The VCP for laterals L-34 and L-35 has been installed. The 12" lateral L-35 was retested and 3 of the 6 joints leaked. One leak is in the VCP itself which did not leak on the first test. A double belled piece of pipe will be installed to correct the problem. This line drains rainwater.

The 8" VCP lateral L-34 will be tested today, 06/28/85.

- b. The encasement base for lateral L-36 has been poured. The 6" VCP going into manhole 1-CC has been laid and the furan joint material is being installed.

- c. The 42" VCP base slab has been poured through the culvert pipe at ACL to manhole 1-EE. Installation of the pipe in the trench here will begin today, 06/28/85.

It is significant to note that no 42" VCP has been laid since April 8. The array of problems ranging from contaminated soil to an extremely wet late spring have seriously hampered progress.

- d. The walls for manhole 1-JJ have been formed. They will be poured today, 06/28/85.

- e. The plant did some substation work and apparently reversed phases as it was discovered that 4 of the dewatering pumps were running backwards. The leads were reversed and the pumps have restored the proper ground water level. Unfortunately, water got in the trench and some cleanup is required.

WGK 4084707

- f. Alberici to pour encasement base as far east of manhole 1-EE as possible. Also plan to pour the encasement base for laterals L-45 and L-46.
- g. With the existing pipe as now exposed, the tie-in of lateral L-45 from manhole 1-EE north will intercept the existing pipe at greater than a 22.5° angle, which is required for cleaning. Lotz will check to see what the angle would be if the intercept is made approximately 4-feet further north. If it is necessary to intercept beyond that point, it is estimated it could cost up to \$20k to do this. Nelson and Lichtenheld to review after Lotz gets information. The sheet piling on the north side probably could not be moved any further north without complications.

2. Contaminated Soil

- a. Excavation of the 42" VCP trench was stopped about 50 feet east of manhole 2-AA due to the discovery of soil which could be contaminated. Tests are in progress and results are expected by 07/03.

Additional excavation was started at manhole 2-BB and has proceeded a small distance east.

- b. Soil testing is in progress at manhole 2-AA.
- c. Application was again made to the state on 06/25/85 for permission to ship some of our stockpiled dirt to local landfills. This may take 4-6 weeks.

3. Jumpers

- a. T-1. Core drilling of the existing manholes 2-B-2 and 2-D-2 has been completed. Excavation across the road will start 06/27/85. The jumper should be installed by Tuesday, 07/02/85.

The existing pipe between manholes 2-B-2 and 2-C is leaking. Lichtenheld and Nelson to review options since this pipe must work to utilize jumper T-1. This situation needs to be addressed immediately since it is holding up work in this area.

- b. T-2. Exploratory work to be done by Alberici as directed by Shipley.
- c. T-3. Exploratory work to be done by Alberici as directed by Shipley. This will furnish needed information to determine the routing, etc.

WGK 4084708

4. Cooling Tower Overflow

A continuing problem on this project has been the overflow water from the cooling tower. This water is finding its way to the trenches and preventing progress. In addition, the water is trying to undermine the railroad tracks near manhole 1-JJ. Chlorine cars sit on this track and this is a safety concern.

Maintenance was called from the meeting and work on repair or replacement of the sticking float began.

Later in the day the seals (it appears) on a cooling tower pump blew and water is again reaching the ditches. The safety problem with the chlorine cars must be addressed. Nelson and Carrico to discuss with maintenance immediately.

This overflow water is also preventing acceptance of manhole 1-DD since the base remains constantly wet.

5. Internal Manhole Surfaces

Work continues on the internal surfaces of manholes 1-AA, 1-BB and 1-CC. A written punchlist will be prepared on each manhole which will serve as a definitive list to work against for meeting all requirements.

It was agreed that an early inspection will be made of the manholes immediately after the forms are removed to check contouring, fins, etc. Repairs will be easy while the concrete is green.

A later inspection will be made of the encasement joint, etc.

Alberici plans to use a silica sand slurry to fill the pinholes.

6. Lateral into Manhole 1-JJ

The lateral from existing manhole 1-D-1 to manhole 1-JJ passes under the railroad track on which chlorine cars gain access to ACL. The culvert pipe proposed last week does not appear feasible. Instead VCP, pre-assembled and encased, may be dropped into place during the October shutdown. Details need to be worked out since ACL will only be shut down for a minimum period of time, such as 3-days.

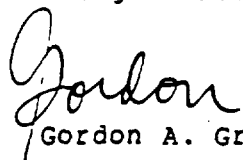
WCK 4084709

J.J. Beckerle, et al
Page 4
June 28, 1985

7. Miscellaneous

Shipley and Petterson generating a plan for the proposed work and timing at department 245. This plan will then be discussed with Nelson and the manufacturing personnel of department 245. This will, of course, allow them to better plan their manufacturing operations during the sewer construction work.

No progress meeting will be held on July 4. Instead, the next meeting will be held at the CED construction trailers at 9:30 a.m. on Thursday, July 11, 1985. All Monsanto project personnel are to meet prior to this meeting at 9:00 a.m.


Gordon A. Grundmann

mb/2178Z

WGK 4084710

Monsanto

FROM

(NAME-LOCATION-PHONE) T. Carrico, Ext. 2095

DATE June 26, 1985
SUBJECT Status Report on CEA 3808
REFERENCE
TO : P. Hoemann

cc. L. Bumbicka
K. Lichtenheld - CS6G
R. Nelson
K. Petterson
O. Shipley
B. Steketee

South dock at BBW being used.

Sewer boxes 1AA, 1BB, and 1CC have still not been accepted for brick membrane and coating.

All joints have been made on L-34 and L-35, not tested yet.

Still experiencing trouble on 1-DD water test.

Contaminated soil and drums cleaned up south of BBZ, work begun again in this area.

Base poured for 1-JJ.

Work started on jumper #1 on G Street.

Soldier beams driven just about to 2-CC.



T. Carrico
Operation Foreman

skg

WGK 4084711